



Docket No.: 1546.1007

Cl 17
12/18
12/18/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Ji-Won YOON, et al.

Serial No. 09/995,829

Group Art Unit: 1648

Confirmation No. 9726

Filed: November 29, 2001

Examiner: Myron G. Hill

For: RECOMBINANT VACCINIA INCORPORATED WITH GENE CODING GLUTAMIC ACID
DECARBOXYLASE AND VACCINE FOR PREVENTING TYPE 1 DIABETES MELLITUS
COMPRISING THE SAME

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PRELIMINARY AMENDMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Before re-examination of the above-identified application, please enter the following amendment.

IN THE CLAIMS

Please add new claims 12-14, as follows:

12. (NEW) A method for preventing or delaying the type 1 diabetes mellitus comprising:
administering a vaccine comprising a recombinant vaccinia virus incorporated with a
gene for coding glutamic acid decarboxylase.

13. (NEW) The method of claim 12 wherein an effective amount of the vaccine is in the
range of $1 \times 10^3 \sim 1 \times 10^{11}$ PFU.

14. (NEW) The method of claim 12 wherein administering the vaccine to a subject takes
place when the subject is one to four weeks of age.

AMENDMENT

This Preliminary Amendment is submitted to improve the form of the claims as originally-filed.

It is respectfully requested that this Preliminary Amendment be entered in the above-referenced application.

If there are any additional fees associated with filing of this Preliminary Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 6/2/03

By: [Signature]
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CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on June 2, 2003 to STAAS & HALSEY

By: [Signature]

Date: June 2, 2003 (MONDAY)